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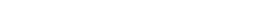
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Application Number	
		Filing Date	Herewith
		First Named Inventor	Vreeland, Ph.D., Valerie
		Group Art Unit	
		Examiner Name	
Sheet <b>1</b>	of <b>3</b>	Attorney Docket Number	<b>023070-087130US</b>

Examiner Signature		Date Considered	09/21/04
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Sheet	2	First Named Inventor	Vreeland, Ph.D., Valerie
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	023070-087130US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
dvl	C1	Hemrika et al.; <i>PNAS</i> (1997) No. 94, pp. 2145-2149	T <sup>2</sup>
dvl	C2	Itoh et al.; <i>J. Biological Chemistry</i> (1986) No. 261, pp. 5194-5200	
dvl	C3	Pfeifer, et al.; <i>J. Gen. Microbiol</i> (1992) No. 138, pp. 1123-1131	
dvl	C4	Rush, et al.; <i>FEBS Letters</i> (1995) 359:244-246	
dvl	C5	Sheffield et al.; <i>Phytochemistry</i> (1993) No. 32, pp. 21-26	
dvl	C6	Shimonshi et al.; "Cloning and Expression of the Gene for a Vanadium-dependent Bromoperoxidase from a Marine Macro-alga, <i>Corallina pilulifera</i> " <i>FEBS Lett.</i> (1998) No. 428, pp. 105-110	
dvl	C7	Simons et al.; <i>European Journal of Biochem</i> (1995) No. 229, pp. 566-574	
dvl	C8	Soedjak, et al. "Inhibition and Inactivation of Vanadium Bromoperoxidase by the Substrate Hydrogen Peroxide and Further Mechanistic Studies" <i>Biochemistry</i> (October 1995) Vol. 34(39), pp. 12689-12696.	
dvl	C9	Soedjak, et al. "Mechanism of Dioxygen Formation Catalyzed by Vanadium Bromoperoxidase From <i>Macrocystis pyrifera</i> and <i>Fucus distichus</i> : Steady State Kinetic Analysis and Comparison to the Mechanism of V-BrPO from <i>Ascophyllum nodosum</i> " <i>Biochim Biophys Acta</i> . (August 1991) Vol. 1079(1), pp. 1-7.	
dvl	C10	Soedjak, et al. "Characterization of Vanadium Bromoperoxidase from <i>Macrocystis</i> and <i>Fucus</i> : Reactivity of Vanadium Bromoperoxidase Toward Acyl and Alkyl Peroxides and Bromination of Amines" <i>Biochemistry</i> (August 1990) Vol. 29(34), pp. 7974-7981.	
dvl	C11	van Pee, K.H.; <i>J. Bacteriol</i> (1988) No. 170, pp. 5890-5894	
dvl	C12	Vreeland et al.; <i>Molecular Biology of the Cell</i> 7 (Supplement) 304a (1996)	

Examiner Signature	<i>Valerie Vreeland</i>	Date Considered	9/21/04
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<b>OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<sup>2</sup>
<i>VM</i>	C13	Whitwam, R.E.; "Biophys. Research Communications." <i>Biochem</i> (1995) No. 216, pp. 1013-1017	
<i>VM</i>	C14	Wever R. et al. V. Vanadium haloperoxidases, Vanadium in Biological Systems, Physiology and Biochemistry, Chasten N.D. ed., Kulwer Academic Press, Dordrecht 1990, pp. 81-97	
<i>VM</i>	C15	Butler A. Mechanistic considerations of the vanadium haloperoxidases, coordination chemistry Reviews, 1999, 187, 17-35	
<i>VM</i>	C16	Colpas G.J. A functional model of vanadium haloperoxidases, <i>J. Am. Chem. Soc.</i> 1994, 116, 3627-3628	

Examiner Signature	<i>Valerie Vreeland</i>	Date Considered	<b>09/20/04</b>
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